0997379B.JOLIOL

Fig. 1

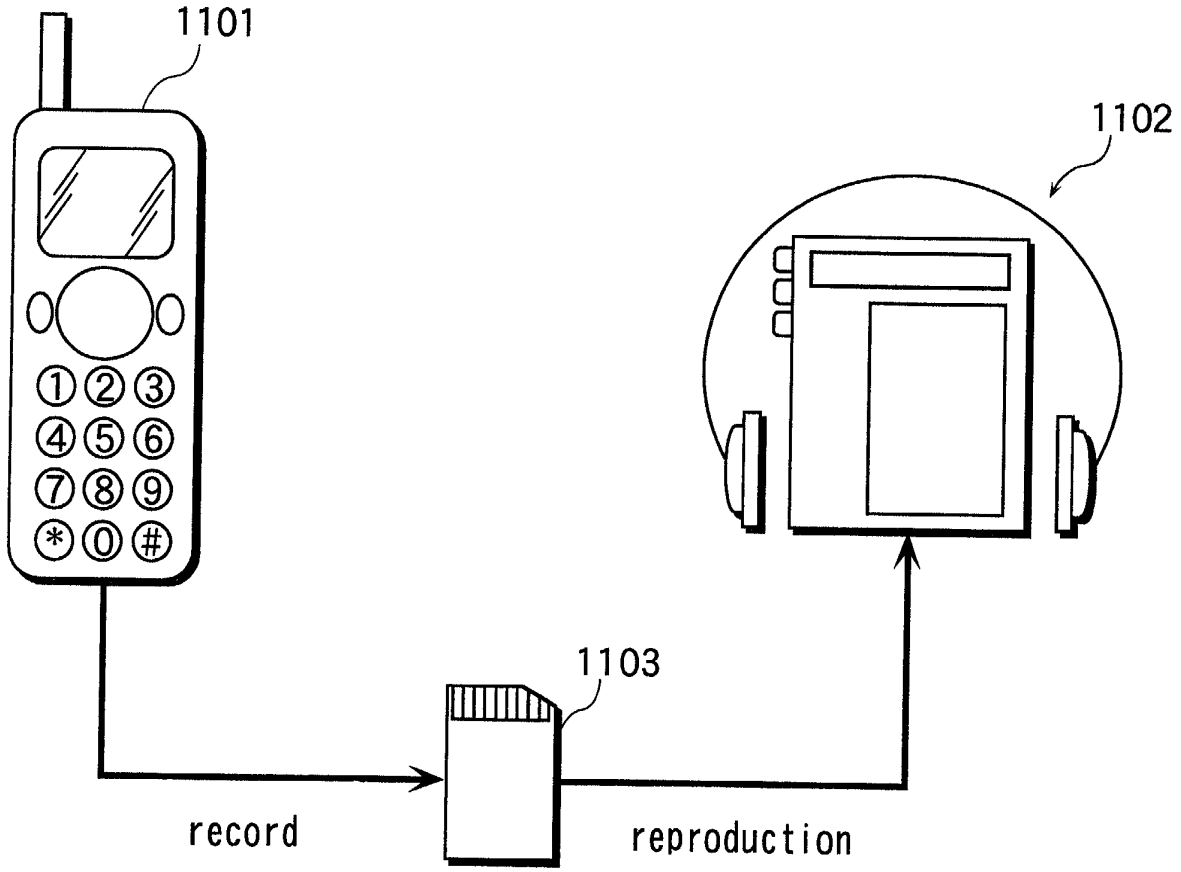

Fig. 2

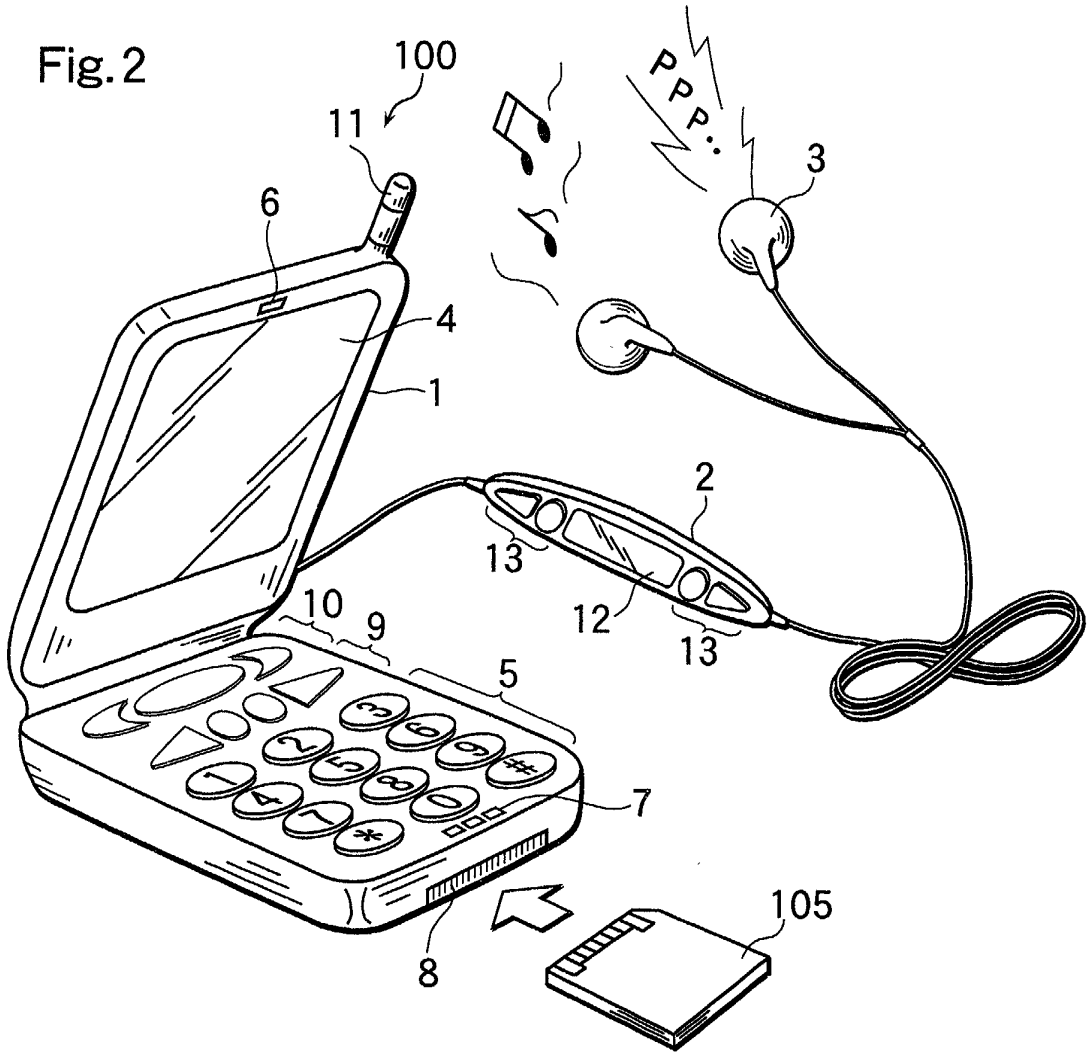

Fig.3

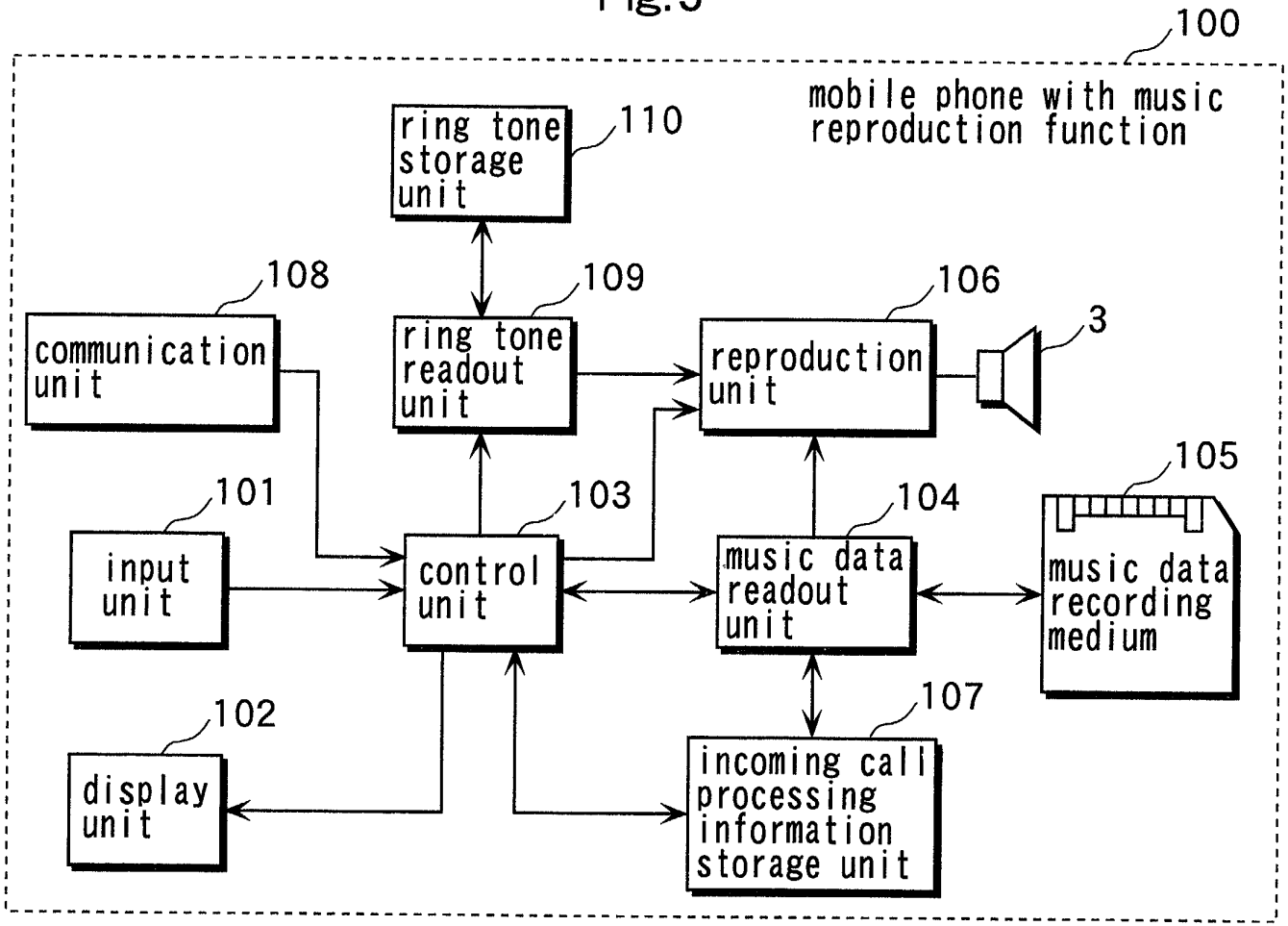
100
mobile phone with music reproduction function
ring tone storage unit
110
108
109
106
3
communication unit
ring tone readout unit
reproduction unit
105
101
103
104
input unit
control unit
music data readout unit
music data recording medium
102
107
display unit
incoming call processing information storage unit

Fig.4

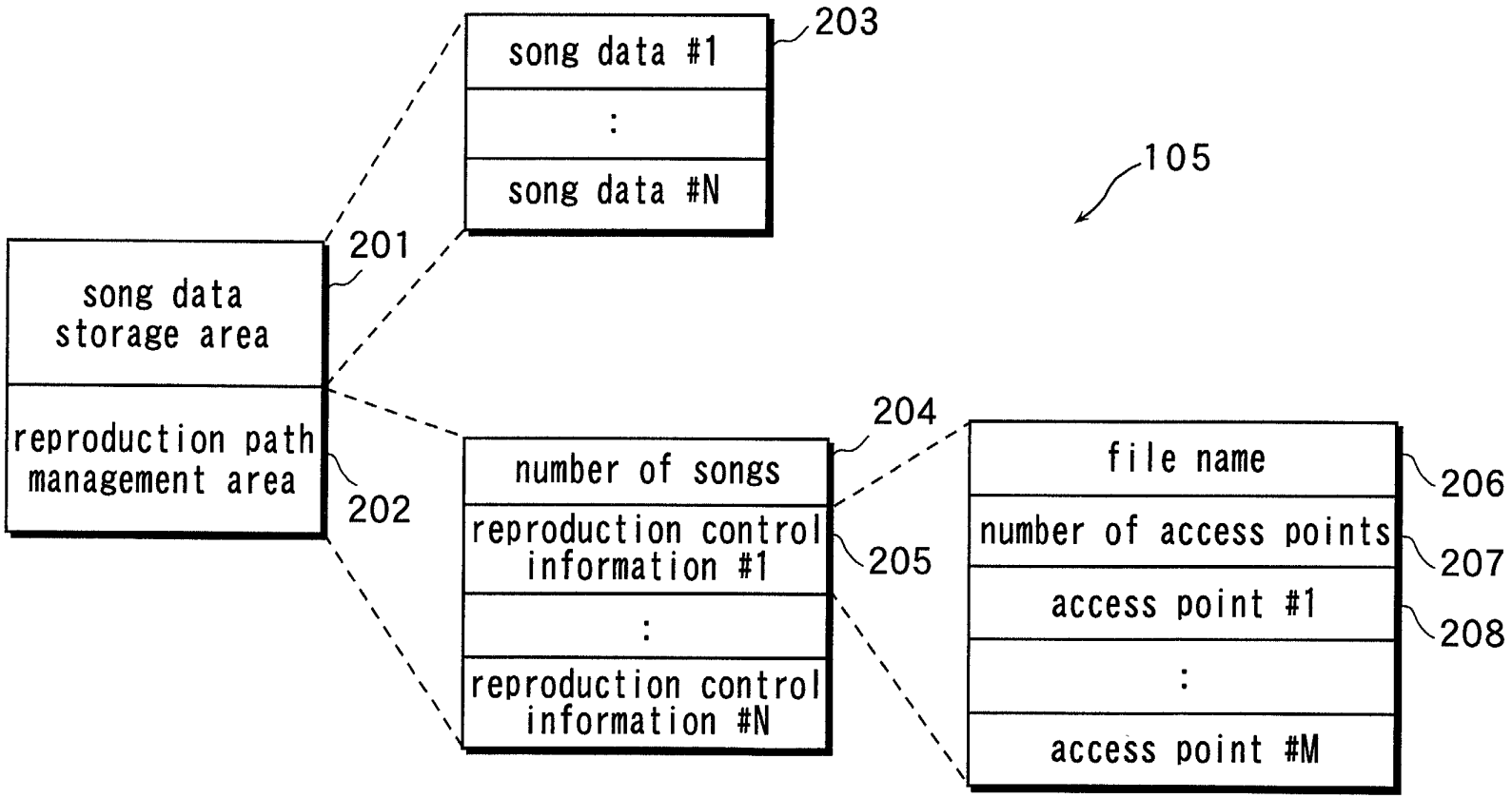
song data #1
:
song data #N
203
105
201
song data storage area
reproduction path management area
202
204
number of songs
reproduction control information #1
205
:
reproduction control information #N
file name
206
number of access points
207
access point #1
208
:
access point #M

Fig.5

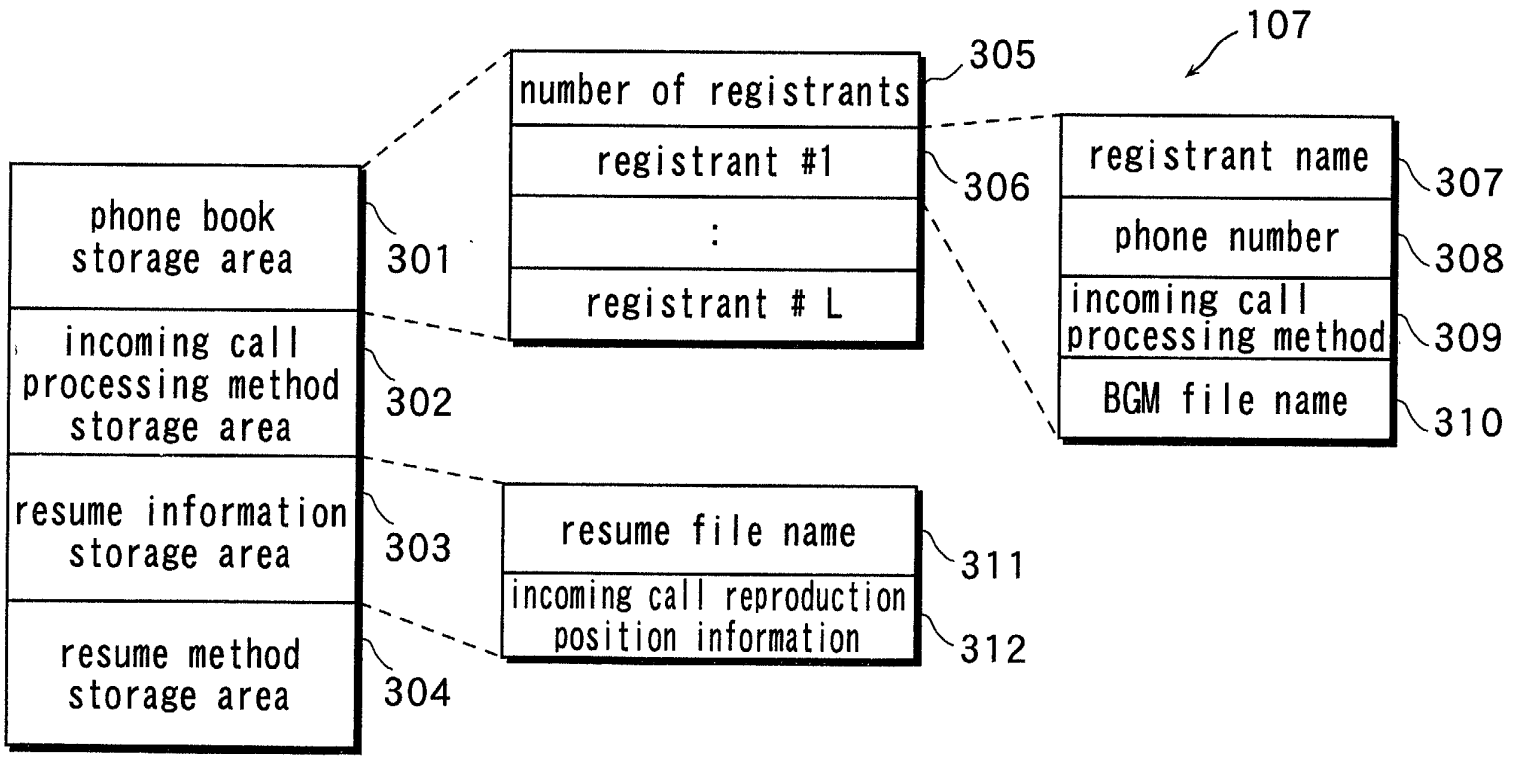
107
phone book storage area
301
incoming call processing method storage area
302
resume information storage area
303
resume method storage area
304
number of registrants
305
registrant #1
306
:
registrant # L
resume file name
311
incoming call reproduction position information
312
registrant name
307
phone number
308
incoming call processing method
309
BGM file name
310

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Fig.6

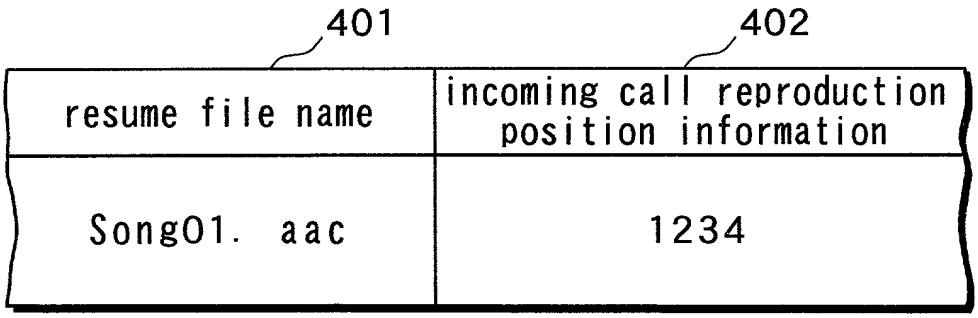

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Fig.7

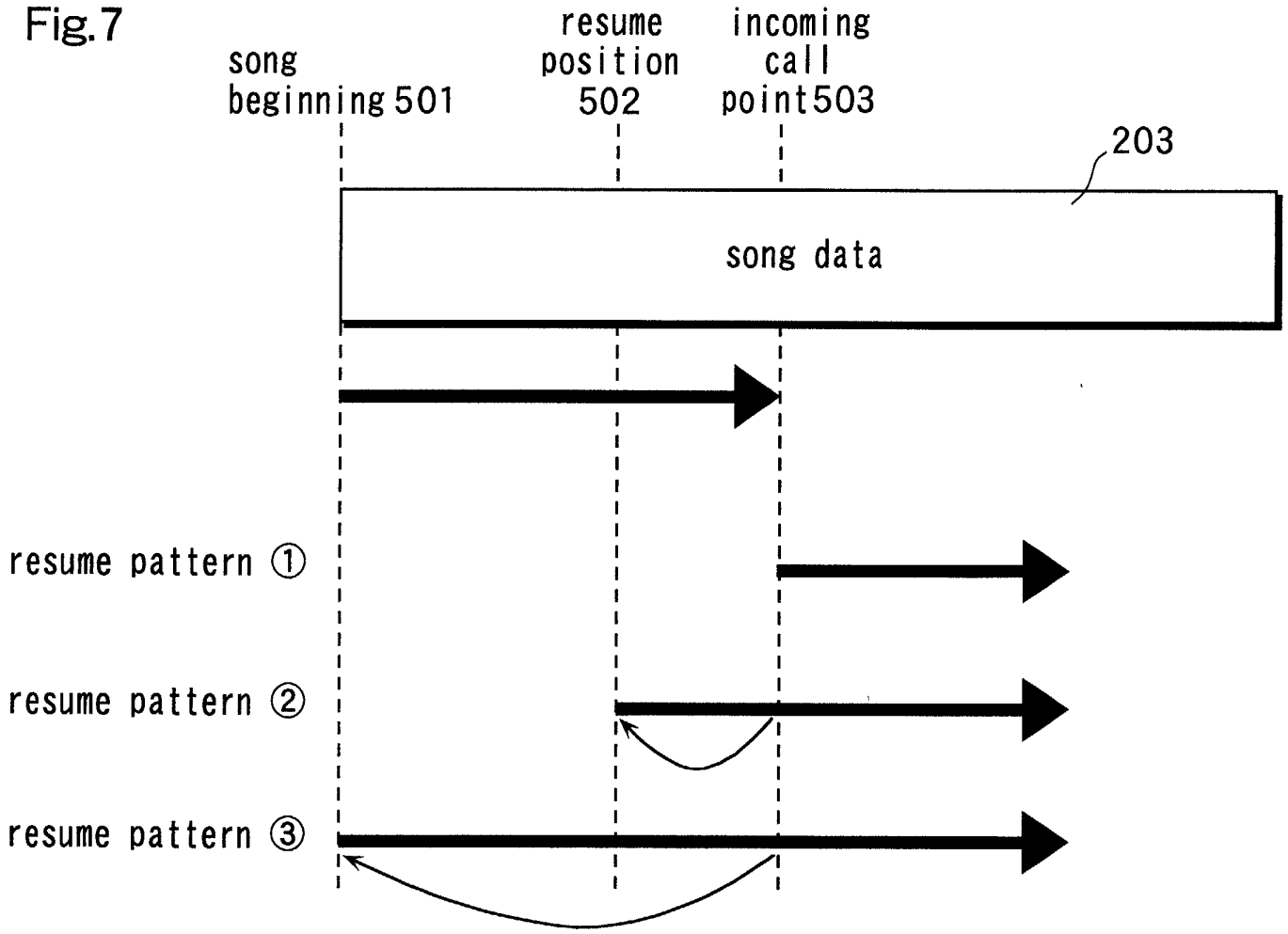

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Fig.8

601 resume pattern	602 incoming call reproduction position information	603 resume position information
①	1234	1234
②	1234	765
③	1234	0

EUROPEAN PATENT OFFICE

Fig.9

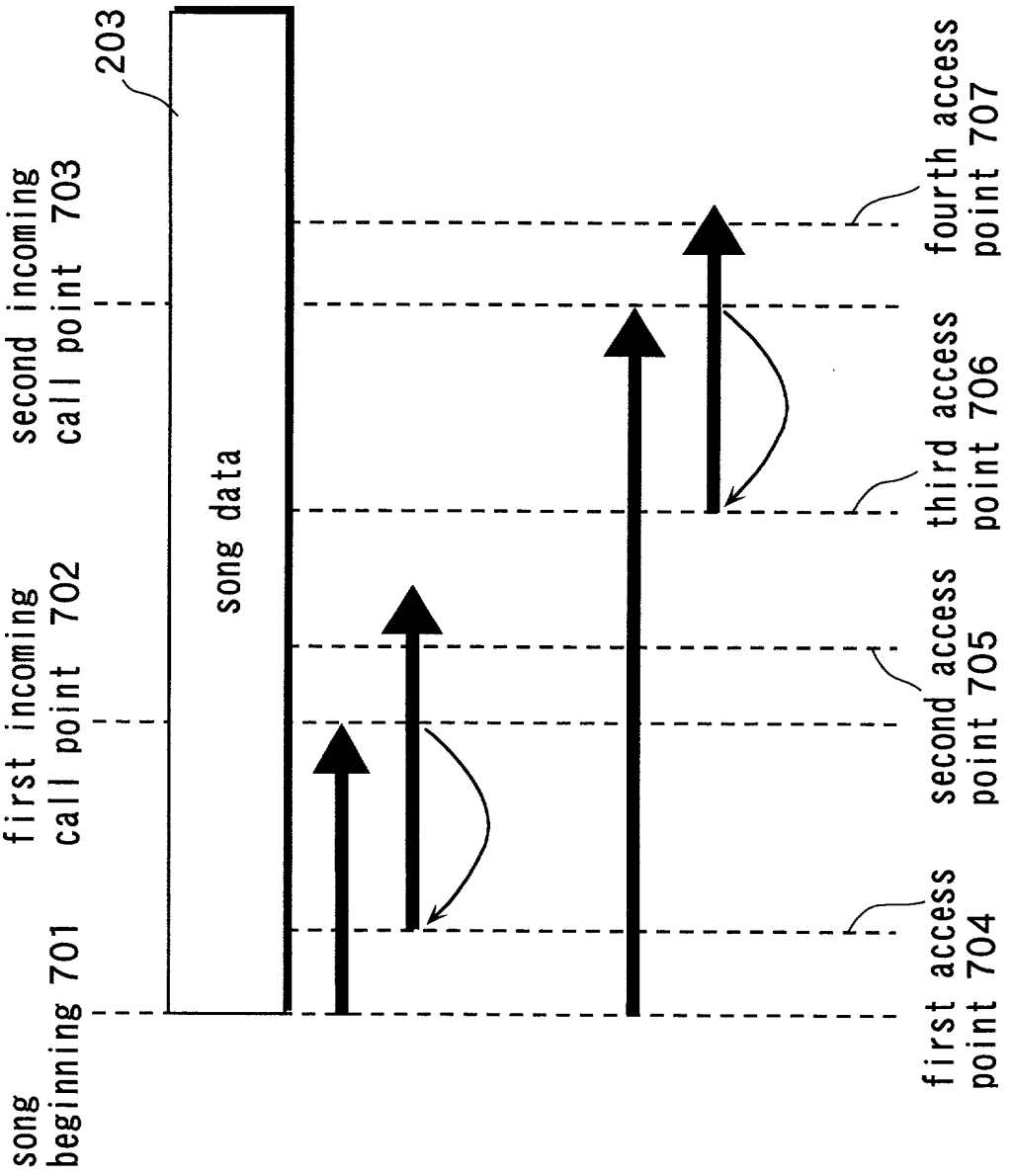


Fig.10

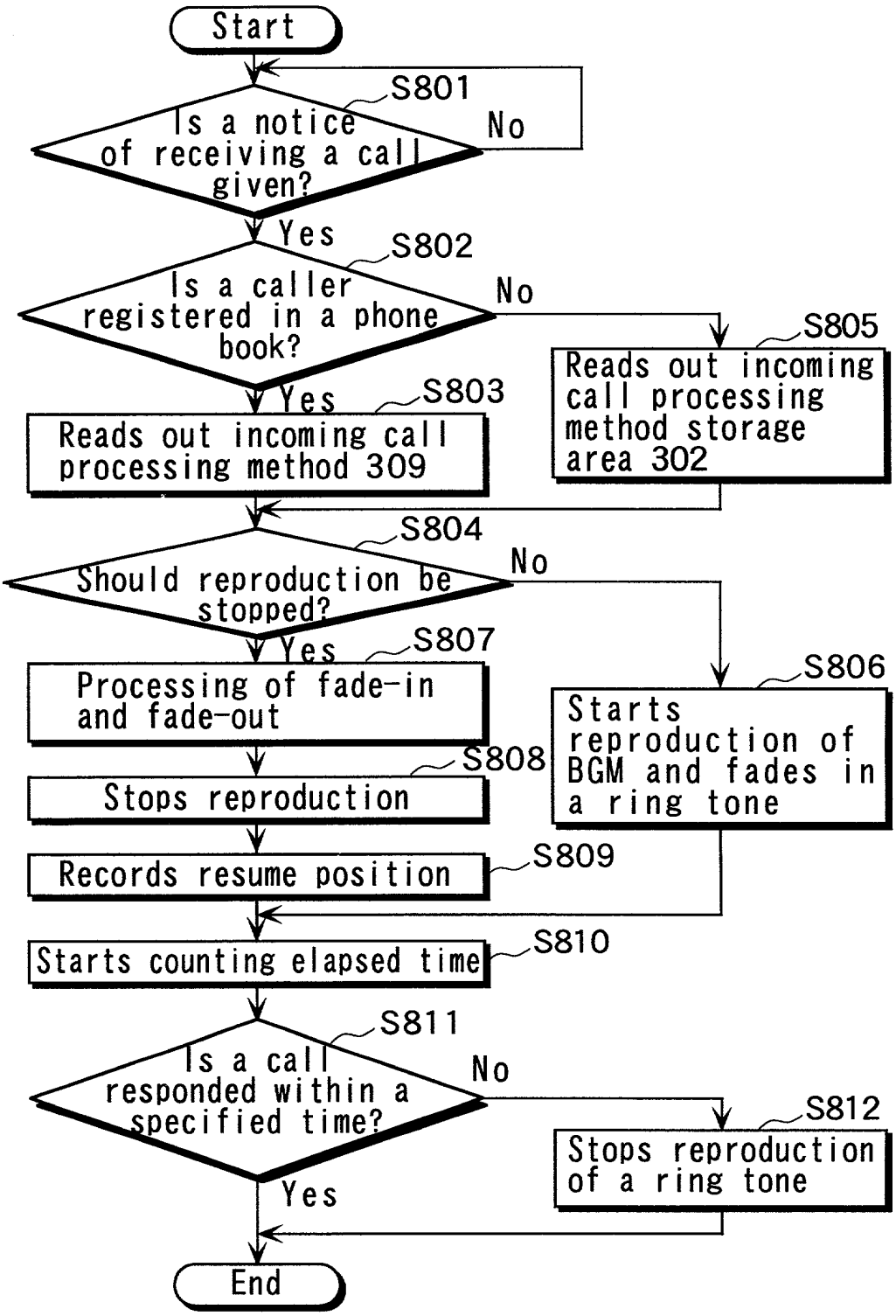

Start
S801
Is a notice of receiving a call given?
No
Yes
S802
Is a caller registered in a phone book?
No
Yes
S803
Reads out incoming call processing method 309
S805
Reads out incoming call processing method storage area 302
S804
Should reproduction be stopped?
No
Yes
S807
Processing of fade-in and fade-out
S808
Stops reproduction
S809
Records resume position
S806
Starts reproduction of BGM and fades in a ring tone
S810
Starts counting elapsed time
S811
Is a call responded within a specified time?
No
Yes
S812
Stops reproduction of a ring tone
End

Fig.11

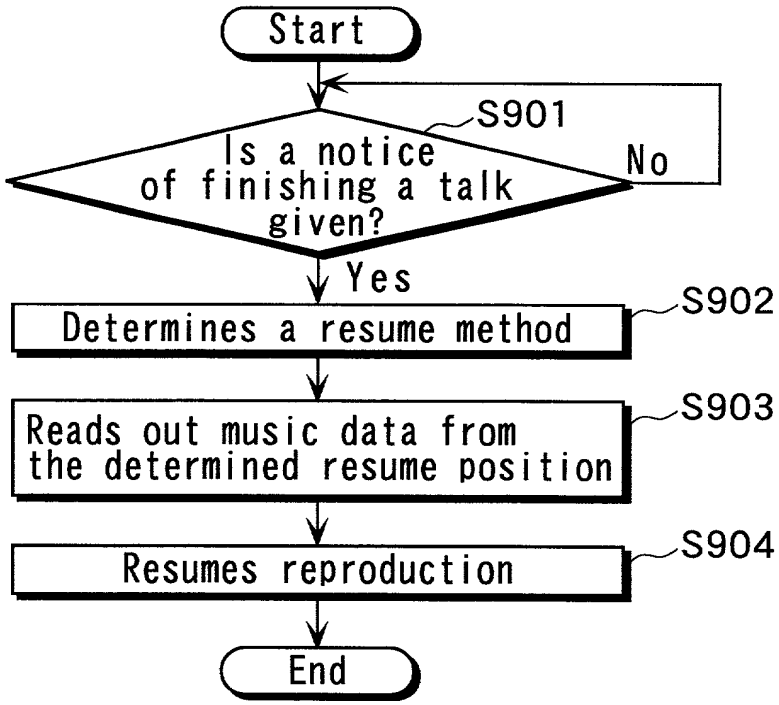
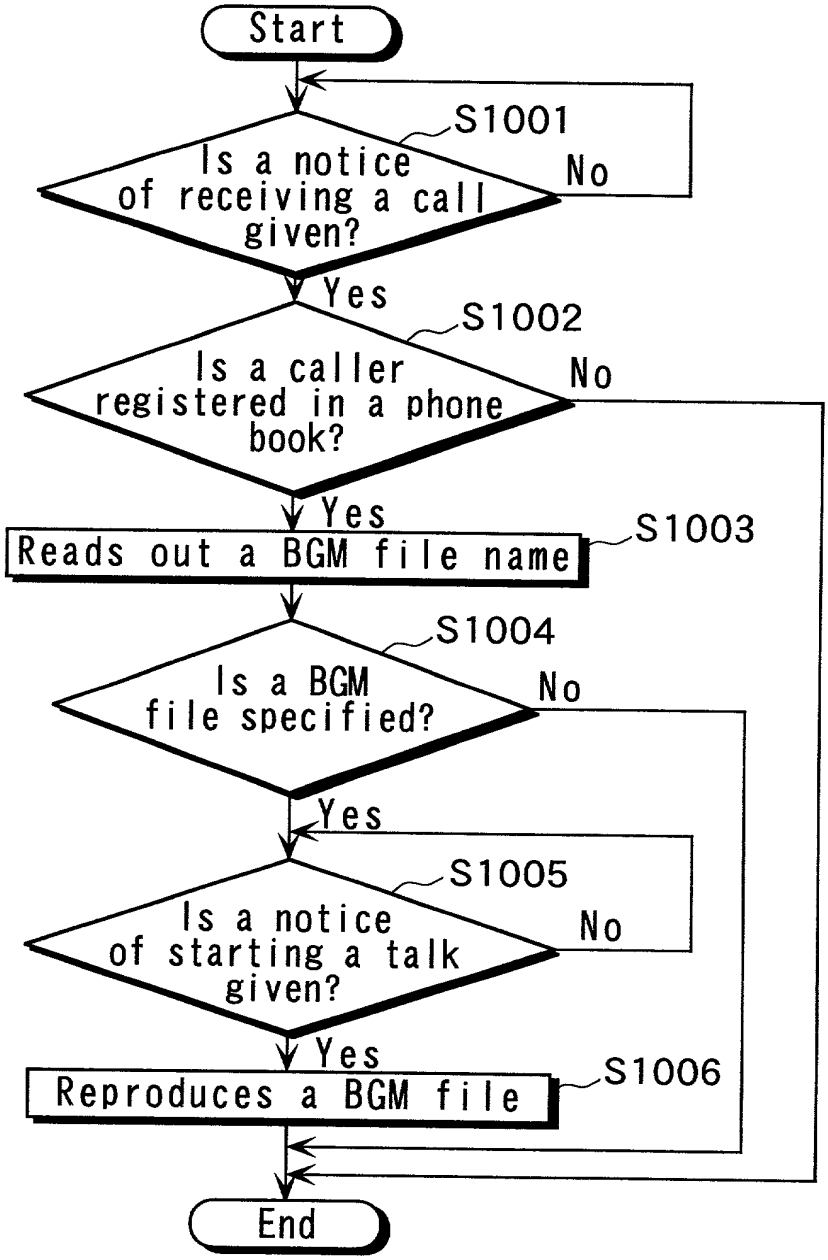

Start
S901
Is a notice of finishing a talk given?
No
Yes
Determines a resume method
S902
Reads out music data from the determined resume position
S903
Resumes reproduction
S904
End

Fig.12


Start
S1001
Is a notice of receiving a call given?
No
Yes
S1002
Is a caller registered in a phone book?
No
Yes
Reads out a BGM file name
S1003
S1004
Is a BGM file specified?
No
Yes
S1005
Is a notice of starting a talk given?
No
Yes
Reproduces a BGM file
S1006
End

TOFTOF"867E7660

Fig.13A

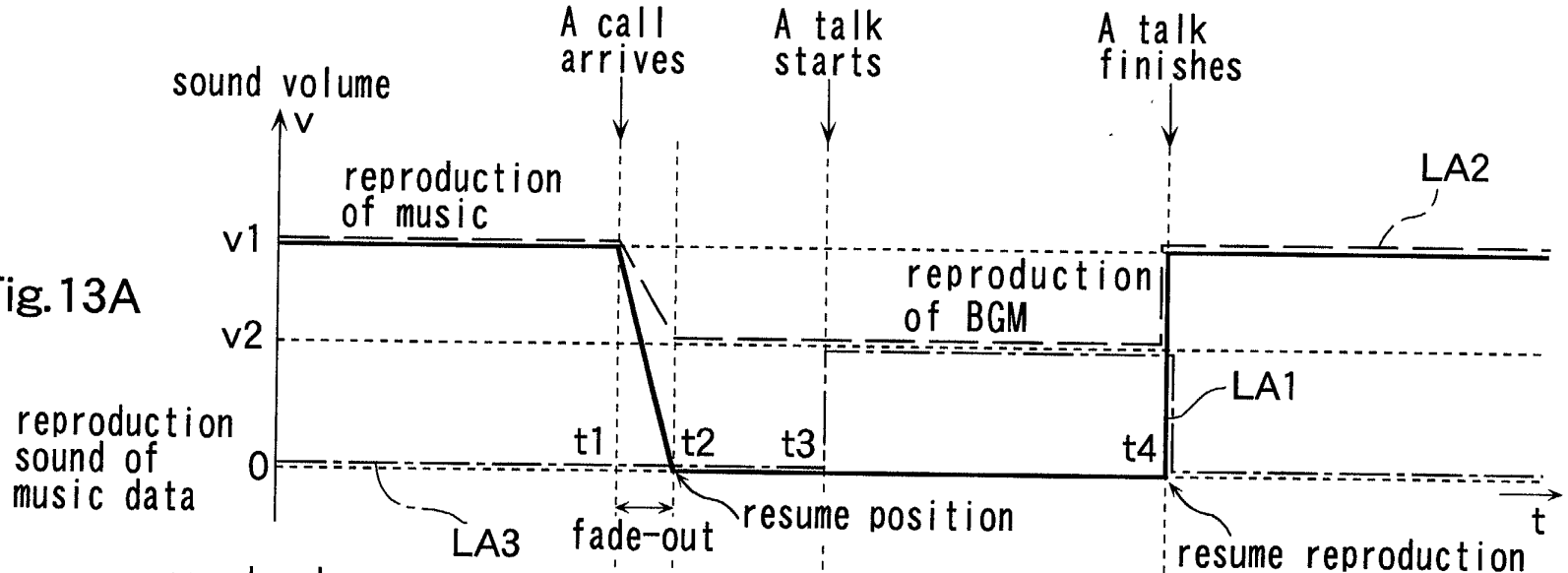


Fig.13B

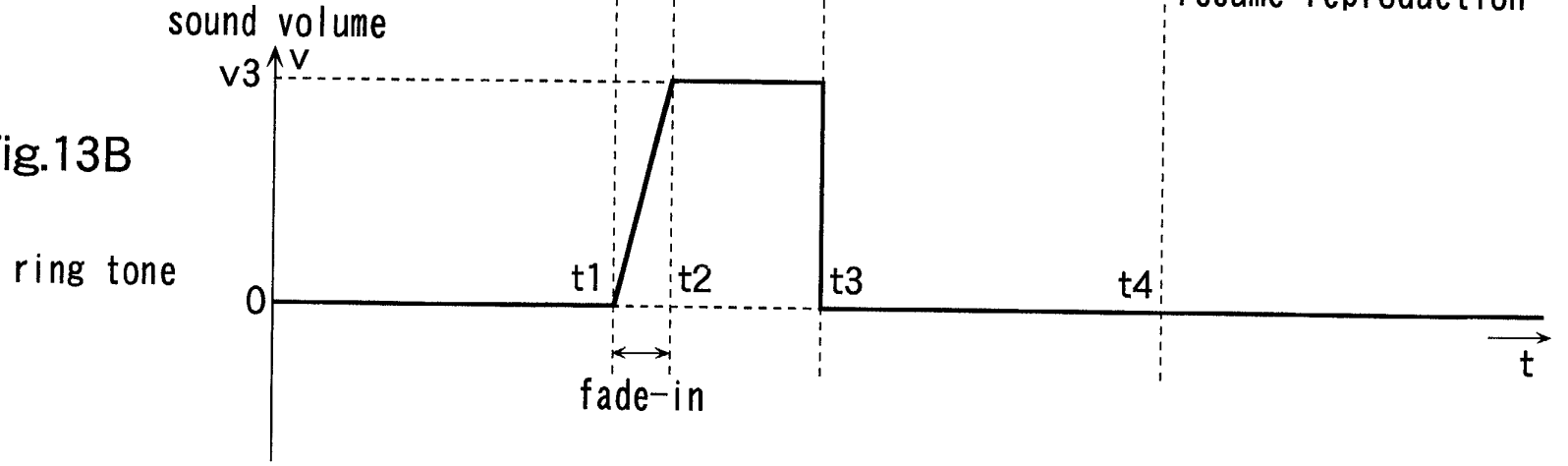


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Fig.14A

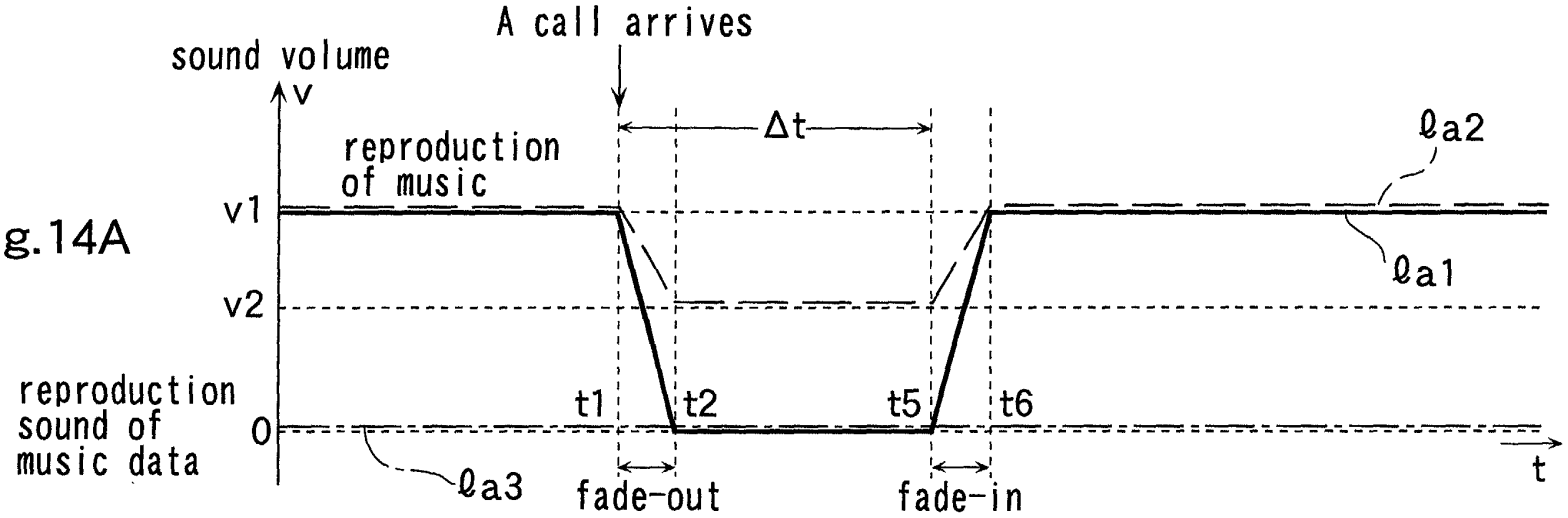
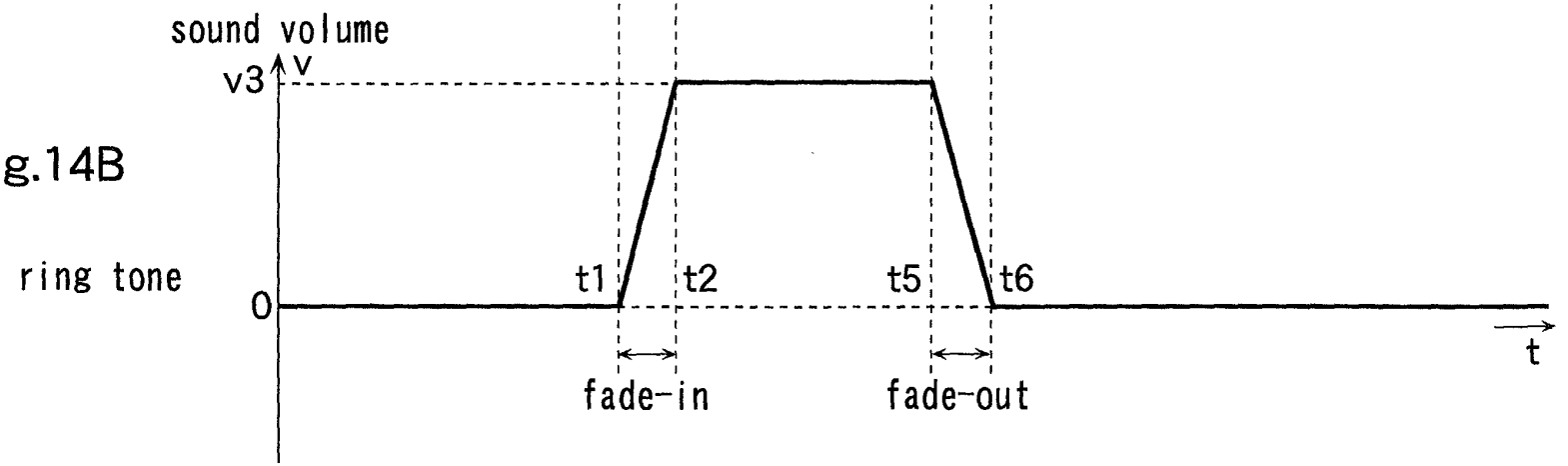
Fig.14B